

### 紀7HIEVINITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ebihara, et al.

Serial No.: 10/768,724

Confirmation No.: 5121

Filed:

January 30, 2004

For:

Techniques for the Use Of Amorphous Carbon (APF)

for Various Etch and Litho

**Integration Schemes** 

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Group Art Unit: 1762

Examiner:

Unknown

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

#### CERTIFICATE OF MAILING 37 CFR 1.8

I hereby certify that this correspondence is being deposited on 7/7, 2005 with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

7/7/05 Date

Signature

#### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While the information submitted in this Supplemental Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

Applicants certify that all references submitted with this disclosure were first cited in a communication from a foreign patent office dated June 8, 2005, which communication is enclosed, not more than three months prior to the filing of this Supplemental Information Disclosure Statement.

If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No.20-0782/AMAT/8736/KMT.

Respectfully submitted,

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# ENT & TRAD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Under the Paperwork Reduction

(Use as many sheets as necessary)

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-	Filing Date	JANUARY 30, 2004	I
	First Named Inventor	TAKEAKI EBIHARA, ET AL.	ľ
	Group Art Unit	1763	I
	Examiner Name	UNKNOWN	ľ
	Attorney Docket Number	AMAT/8736/DSM/BCVD/JW	J
	Submission Date	7/7 ,2005	r

U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		Number-Kind Code <sup>2 (if known)</sup>						
	A1	US- 6,653,735 B1	11/25/2003	YANG, ET AL.				
	A2	US- 6,498,105 B1	12/24/2002	KIM				
"	A3	US- 6,352,922 B1	03/05/2002	KIM				
	A4	US- 2003/0207207 A1	11/06/2003	LI				
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2

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Spolication Number	10/768,724
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Examiner Name	UNKNOWN
Attorney Docket Number	AMAT/8736/DSM/BCVD/JW
Submission Date	

**Date Considered** 

	NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>		
	B1	PCT International Search Report and Written Opinion dated June 8, 2005 (AMAT/8736.PC)			
	B2	WEI LIU, ET AL., "Generating Sub-30nm Poly-Silicon Gate Using PECVD Amorphous Carbon as Hardmask and Anti-Reflective Coating" Proceeding of SPIE, (2003) Vol. 4050, pp. 841-848.			
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